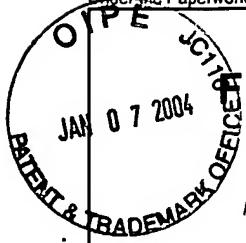


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AP175
PTO/SB/05 (12/97)
Approved for use through 9/30/03. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



FEES TRANSMITTAL

Note: Effective October 1, 2001.
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT **\$ 330**

Complete If Known

Application Number	10/066,835
Filing Date	February 4, 2002
First Named Inventor	Tsann Lin
Group Art Unit	1775
Examiner Name	

Attorney Docket Number

SJO920010058US1

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **50-2587**

Deposit Account Name: **HITACHI CORPORATION**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$ 0

2. CLAIMS

Total Claims	-20 =	Extra	Fee from below	Fee Paid
Ind. Claims.	- 3 =			
Multiple Dep. Claims	0	x	290	= 0

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim

SUBTOTAL (2)

\$ 0

*Reduced by Basic Filing Fee

SUBTOTAL (3)

\$ 330

Complete (if applicable)

Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527
Signature		Date	Jan 5, 2004	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450.